General Publications Alberta Energy and Natural Resources 1986

ENERGY AND NATURAL RESOURCES
COMMUNICATIONS

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KEY

The following symbols are used throughout this catalogue to indicate reading levels, readership interests and quantities available:

ES - suitable for elementary school classes
G - general interest
JH - suitable for junior high school classes
SH - suitable for senior high school classes
SP - special interest groups
T - ideal for teachers
***** - available in class quantities

ANNUAL REPORTS

Alberta Energy and Natural Resources: Annual Report
Annual summary of the department's activities, with resource industry and statistical reports.
1976/77, 1977/78, 1978/79, 1980/81, 1981/82, 1982/83, 1983/84, 1984/85 SP

Alberta/Canada Energy Resources Research Fund: Annual Report
Annual summary of energy-related research projects supported by the joint provincial-federal fund.
1978/79, 1980/81, 1981/82, 1982/83, 1983/84, 1984/85, Program Review SP

ENERGY

CONSERVATION

Alberta Energy $avers Residential Series

Each booklet deals with ways to increase your home's comfort while reducing energy consumption to save money.

Attic Insulation
1985, booklet, illus., G

Basement Insulation
1985, booklet, illus., G

Caulking and Weatherstripping
1985, booklet, illus., G

Condensation Concerns
1985, booklet, illus., G

Grants for Homeowners
1985, booklet, illus., G

Heating System Maintenance
1985, booklet, illus., G

Re-siding for Energy Conservation
1985, booklet, illus., G

Selecting a Heating System
1985, booklet, illus., G

Ventilating Your Home
1985, booklet, illus., G

Windows
1985, booklet, illus., G

Fuel Economy Calculator

An aid to determining and recording your vehicle's fuel economy. G

Cars and Light Trucks

Trucks

How to Save Energy
Description of the services and programs of the Energy Conservation Branch of Alberta Energy and Natural Resources.
pamphlet, 1984, G

Top Secrets for Fuel Economy

Each pamphlet deals with one aspect of fuel economy in personal transportation.
1985, pamphlets, illus., G

Driving Skills

Trip Planning

Vehicle Maintenance

Vehicle Selection

The following energy conservation publications are available **only** from the Energy Conservation Branch, Alberta Energy and Natural Resources, 2nd Floor, Highfield Place, 10010-106 Street, Edmonton, Alberta, T5J 3L8; phone 427-5200. Teachers may also contact the branch for information about school-related materials.

Alberta Energy $avers for Business and Industry

This series helps identify energy saving opportunities in your building or plant and assists you in establishing an effective energy management program to cut energy costs.
1985, booklets, illus., SP

1. **How to Start an Energy Management Program**
2. **How to Conduct an Energy Audit**
3. **Energy Audit Program - ener$ave for Industry and Commerce**
4. **Energy Audit Data - ener$ave for Industry and Commerce**
5. **Employee Motivation for Energy Conservation**
6. **Efficient Electrical Usage**
7. **Efficient Lighting**
8. **Efficient Heating**
9. **Efficient Ventilation**

Alberta Energy $avers for Commercial and Industrial Transportation

Designed to help Alberta businesses establish an effective transportation energy management program.
1985, booklet, illus., SP

Driving Skills for Fuel Economy

Maintenance for Fuel Economy

Management for Fuel Economy

Operating Practices for Fuel Economy

Vehicle Selection for Fuel Economy

Driver Training Posters
Set of seven posters on safety and fuel economy.
7 posters, G

NON-RENEWABLE

Alberta: The Energy Province
Overview of Alberta's energy milestones, conventional crude oil, natural gas, pipelines, oil sands, heavy oil, electrical power, coal and future energy directions. Introduction to the Alberta Energy Portfolio series.
booklet, 1982, 12 pp., G

Coal
A general look at coal, the province's reserves and coal industry, with statistical tables. Part of the Alberta Energy Portfolio.
booklet, 1983, 12 pp., illus., G

Conventional Crude Oil
A general look at Alberta's conventional crude oil industry, with statistical tables. Part of the Alberta Energy Portfolio.
booklet, 1982, 8 pp., illus., G

Going for Gold in Alberta
A guide to panning and placer mining.
pamphlet, 1985, G, SP

Natural Gas
A general look at Alberta's natural gas industry, with statistical tables. Part of the Alberta Energy Portfolio.
booklet, 1983, 12 pp., illus., G

Oil Sands
A general look at Alberta's oil sands reserves and the extraction processes used. Part of the Alberta Energy Portfolio.
booklet, 1983, 8 pp., illus., G

FISH AND WILDLIFE

GENERAL

Bighorn Award
Explains what the Bighorn Conservation Awards are and the nomination procedures.
folder, 1985, G, SP

Buck For Wildlife and You
Buck for Wildlife is a Fish and Wildlife program that is working to ensure the future of high-quality habitat and give Alberta's fish and wildlife a place to live. This pamphlet explains how the public can become involved in this program.
pamphlet, 1985, G, SP

Fish and Wildlife Policy for Alberta
Government policy on the management and allocation of provincial fisheries and wildlife resources.
booklet, 1982, 24 pp., G

Know Your Bears! Be Sure Before You Shoot
Outline of the features distinguishing black and grizzly bears.
information card, 1983, SP

Mallard Harvest Reduction
Explains the reasoning behind the reduction of the mallard bag limits, and provides detailed descriptions of the mallard.
pamphlet, 1985, G, SP

Project Wild Alberta
Information about Project Wild. Project Wild is designed for teachers and community "educators".
pamphlet, 1985, T

Round Bales for Goose Nesting
Helpful suggestions on how to build artificial nesting for Canada geese.
pamphlet, illus., G

Status of the Fish and Wildlife Resource in Alberta
Establishes the Government's assessment of the current (1980) status of fish and wildife in Alberta; it provides a historical perspective; and projects into the future (Year 2000). $3. Free to schools. Cheque or money order made payable to the Provincial Treasurer.
1984, 123 pp., maps, tables, illus., G

The Bear Facts
Description of the ecosystem of bears and how to prevent encounters with them.
pamphlet, 1984, G

Wildlife in Your Backyard
Description of how backyards can be landscaped to provide habitat for wildlife, mainly birds.
pamphlet, 1984, G

Habitat Development Fact Sheets

Provides a detailed description of how to develop your property to provide habitat for Alberta's fish and wildlife. Consists of a series of eight fact sheets.

Aerating Lakes and Ponds to Prevent Winter Kill
1985, SP

Building a Fish Pond
1985, SP

Constructing Artificial Reefs and Fish Shelters in Lakes
1985, SP

Constructing Artificial Nest Sites for Canada Geese Using Round Bales
1985, SP

Developing Nesting Islands to Enhance Waterfowl Habitat
1985, SP

Developing Wildlife Habitat by Planting Trees and Shrubs
1985, SP

Reclaiming Sand and Gravel Pits to Develop Waterfowl Habitat
1985, SP

Using Grass-Legume Mixtures to Improve Wildlife Habitat
1985, SP

Introductions to Wildlife

Each folder includes descriptions, full-color drawings, and habitat, range and management information. NOTE: Limited to one set per class, subject to availability.

Cloven-Hoofed Animals of Alberta
Folder, G, T

Cold Water Fish of Alberta
Folder, G, T

Diving Ducks of Alberta
Folder, G, T

Falcons and Woodland Hawks of Alberta
Folder, G, T

Large Carnivores of Alberta
Folder, G, T

Large Hawks and Eagles of Alberta
Folder, G, T

Owls of Alberta
Folder, G, T

Puddle Ducks of Alberta
Folder, G, T

Rabbits and Large Rodents of Alberta
Folder, G, T

Swans, Cranes and Geese of Alberta
Folder, G, T

Upland Game Birds of Alberta
Folder, G, T

Weasel Family of Alberta
Folder, G, T

FISH CULTURE

Fish Planting List
List of locations, amounts, species, sizes and months stocked.
pamphlet, annual, SP

Sam Livingston Fish Hatchery and Rearing Station
Description of the facilities and operations of Alberta's largest fish hatchery.
booklet, 6 pp., illus., G, T

MANAGEMENT

Alberta's Wild Fur Resource
Information on the history, current status and regulations for trapping and the management of furbearing animals, and trapper education.
pamphlet, G

FOREST

GENERAL

Alberta Forests - Some Facts
A short, illustrated summary of the Alberta Phase III Forest Inventory listing the forest resources found on publicly owned forest land in the Green Area.
1985, 16 pp., illus

Bertie Beaver School Kit #1
Available to schools only. Includes one class set of six posters, 25 Bertie Beaver buttons and 25 Bertie Beaver activity booklets.
E, S, T

Forest Renewal: Taking Care of Tomorrow's Forests Today
Description of Alberta's reforestation program.
booklet, 1983, 16 pp., illus., G, JH, SH, SP, T

Genetics and Tree Improvement: Better Forest for the Future
Explanation of forest genetics and of Alberta's research and development program for tree improvement.
booklet, 1983, 11 pp., illus., G, JH, SH, SP, T

Mountain Pine Beetle
Information on the distribution and life cycle of the mountain pine beetle, and methods for combating it.
pamphlet, illus., G, JH, SH, SP

Stock Your Own Woodpile
Information on fuelwood permits and measurements.
information card, G

Transplants from Alberta's Forests
Information on transplanting trees and the need for permits if tree stock is from Crown land.
pamphlet, illus., G

Trees of Alberta
Illustrations, descriptions and range maps for the most common species.
poster-size folder, 1978, maps, illus., G, T, ES, JH, SH, SP, •

FIRE PREVENTION

Clearing Land? We Would Like to Help
Proper windrow construction and regulations for safer burning.
pamphlet, 1972, SP

Fall Burning
Good reasons for burning windrows and brush piles in the fall.
pamphlet, 1976, SP, G, JH, SH, SP

Just One Spark
Tips to prevent welding fires; for mill operators and employees.
pamphlet, G, JH, SH, SP

Notice You Are Living in a Forest Protection Area
Regulations applying to special fire-control areas.
pamphlet, G

The Camper's Dirty Hand Book
Tips for safe campfire use.
pamphlet, 1981, G, JH, SH, SP

With Your Fire Permit
A checklist for precautions to be taken when burning wood debris.
pamphlet, 1984, G

FOREST MANAGEMENT

Forests for the Future: Pine Ridge Nursery
History and activities of a specialized reforestation facility.
pamphlet, 1984, G, T

Reclamation: A Continuing Challenge
General information on Alberta Forest Service reclamation programs for provincial forest lands.
booklet, 1983, 8 pp., illus., G, JH, SH, SP, T

PROGRAMS

Alberta Forest Service Museum
Guide to the displays in this Hinton museum.
pamphlet, G, T, JH, SH, SP

Join the Adventure: Become a Junior Forest Warden
Outline of the Junior Forest Warden program for 7 to 16 year olds.
pamphlet, 1984, G, ES, JH, SH, SP, T

Junior Forest Rangers ... The Challenge is Yours
Outline of the Junior Forest Ranger program for 16 to 18 year-olds.
pamphlet, 1983, JH, SH, T

RESEARCH

Timber Harvesting
Description of the steps involved in the planning and management of the forest harvest.
brochure, 1983, G, SH, SP

Tri-Creeks Watershed Study
Introduction to the research project evaluating effects of logging on streamflow, water quality and fish populations.
booklet, SP

LAND

GENERAL

Alberta Public Lands
Management and administration of public lands by the department: agricultural and non-agricultural uses, land-use planning, reclamation, department policy. NOTE: being revised.
booklet, 1981, 37 pp., maps, illus., G

Information on Acquiring Public Land
Summary of necessary terms and conditions, including principal agricultural dispositions.
sheet, 1985, SP, G

LSAS Public Standing Report
Contains an example and a description of the public standing report generated by the Land Status Automated System. This report contains information specific to any interest and/or activity on a given quarter section of land.
booklet, 1985, G

Land Status Automated System
An information document on the Land Status Automated System from an historical and a technical perspective.
folder, 1985, G

Shoreline Facts
Regulations regarding shoreline improvements.
pamphlet, 1979, SP

Stop Knapweed Now
Description of knapweed and the damage it can do to rangeland.
pamphlet, 1984, G

Surface Rights and the Land Agent
Summary of land agent legislation; brief discussion of other surface rights issues, e.g., seismic work, surveys, well sites, compensation, reclamation, contacts for assistance.
pamphlet, 1985, SP

The Agricultural and Recreational Land Ownership Act and Regulations
Summary of regulations concerning foreign ownership of land.
pamphlet, 1979, SP

RANGE MANAGEMENT

Grazing in the Green Area
General information on Alberta Forest Service range management in the Green Area of Alberta.
pamphlet, 1985, G

Guide to Range Conditions and Stocking Rates for Alberta
Description of the method for classifying range conditions and estimating stocking rates.
booklet, SP

OUTDOOR ACTIVITIES

GENERAL

Alberta Conservation and Hunter Education
Hunter education manual produced by the Alberta Fish and Wildlife Division, emphasizing the role of hunting in wildlife management and conservation, the proper handling of firearms and respect for the property of others. $8. Cheque or money order (payable to the Provincial Treasurer).
book, 1980, illus., SP

Alberta Conservation and Hunter Education Program
A brief outline of the hunter education program offered by the Fish and Wildlife Division.
pamphlet, G

Alberta Licensed Guides and Outfitters, Fur Dealers, Furriers, Commercial Fish Farms, Class A Bird Farms, Pheasant Shooting Grounds
Lists of names and addresses of Class I and II fur dealers, Class "A" game bird farm licence holders, outfitters, Class "A" and "B" guides, furriers and commercial game fish farms, and holders of pheasant shooting ground licences.
pamphlet, annual, SP

Forest Management Interpretive Trail
Brief description of Kananaskis Country trail, showing use and management of forests in Alberta.
pamphlet, 1980, G

RECREATION

Snowmobile Area

Trails, signage, safety and first-aid tips, rules and snowmobiling courtesy.

Chambers Creek
pamphlet, G

Ghost District
pamphlet, G

Alberta Forest Service Recreation Areas
Map of recreation areas throughout the province, with outline of facilities available in each area.
foldout map, 1983, G

Recreation Trails in Central Alberta
Detailed map and description of individual trails. Forest land use zones and special management guidelines are identified for each area.
folder, inserts, 1984

REGULATIONS

Boating in Alberta
Summary of boating restriction regulations.
booklet, 1985, G

Summary of Regulations
Each updates changes for the new season and summarizes regulations, licences, seasons and fees.

Big Game
SP

Bird Game
SP

Sportfishing
SP

Trapping
SP

RESOURCE MANAGEMENT

A Legacy for Tomorrow
Companion booklet for a film on the richness of the Eastern Slopes, outlining protection provided by the resource management policy (see Films).
booklet, 1980, 12 pp., G, JH, SH

Forests and Water
Information on the value of watershed management and on the role of Alberta Forest Service in improving, protecting and researching water resources.
pamphlet, illus., G

Integrated Resource Management
Explanation of how integrated resource management is applied to the management and planning of Alberta's public lands and resources.
booklet, 1984, 10 pp., illus., maps, G

Resource Evaluation and Planning
Outline of the functions and services of the Resource Evaluation and Planning Division of the Alberta Department of Energy and Natural Resources.
booklet, 1980, 11 pp., illus., SP

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